

Travel Configuration	Overpass Type and Location	Guardrail Pay Length, Support > 16 ft from Edge of Travelway (ft)	Guardrail Pay Length, Support ≤ 16 ft from Edge of Travelway (ft)
Two-Way Roadway	One Structure	$2(L_N - L_{ET}) + L_P$	$2(L_N - L_{ET} + L_{GP})$
	Twin Structures	$2(L_N - L_{ET} + L_P) + L_G$	$2(L_N - L_{ET} + L_{GP})$
One-Way Roadway	Outside Shoulder, One Structure	$L_N - L_{ET} + L_P + 25$	$L_N - L_{ET} + L_{GP}$
	Outside Shoulder, Twin Structures	$L_N - L_{ET} + 2L_P + L_G + 25$	$L_N - L_{ET} + L_{GP}$
	Median-Side Shoulder	(1)	$L_N - L_{ET} + L_{GP}$

(1) No guardrail is required. An impact attenuator is required where shown on Figure 49-4E(8) or 49-4E(9).

### GUARDRAIL PAY LENGTH FOR APPROACH TO BRIDGE SUPPORT INSIDE CLEAR ZONE

Figure 49-4E(10)